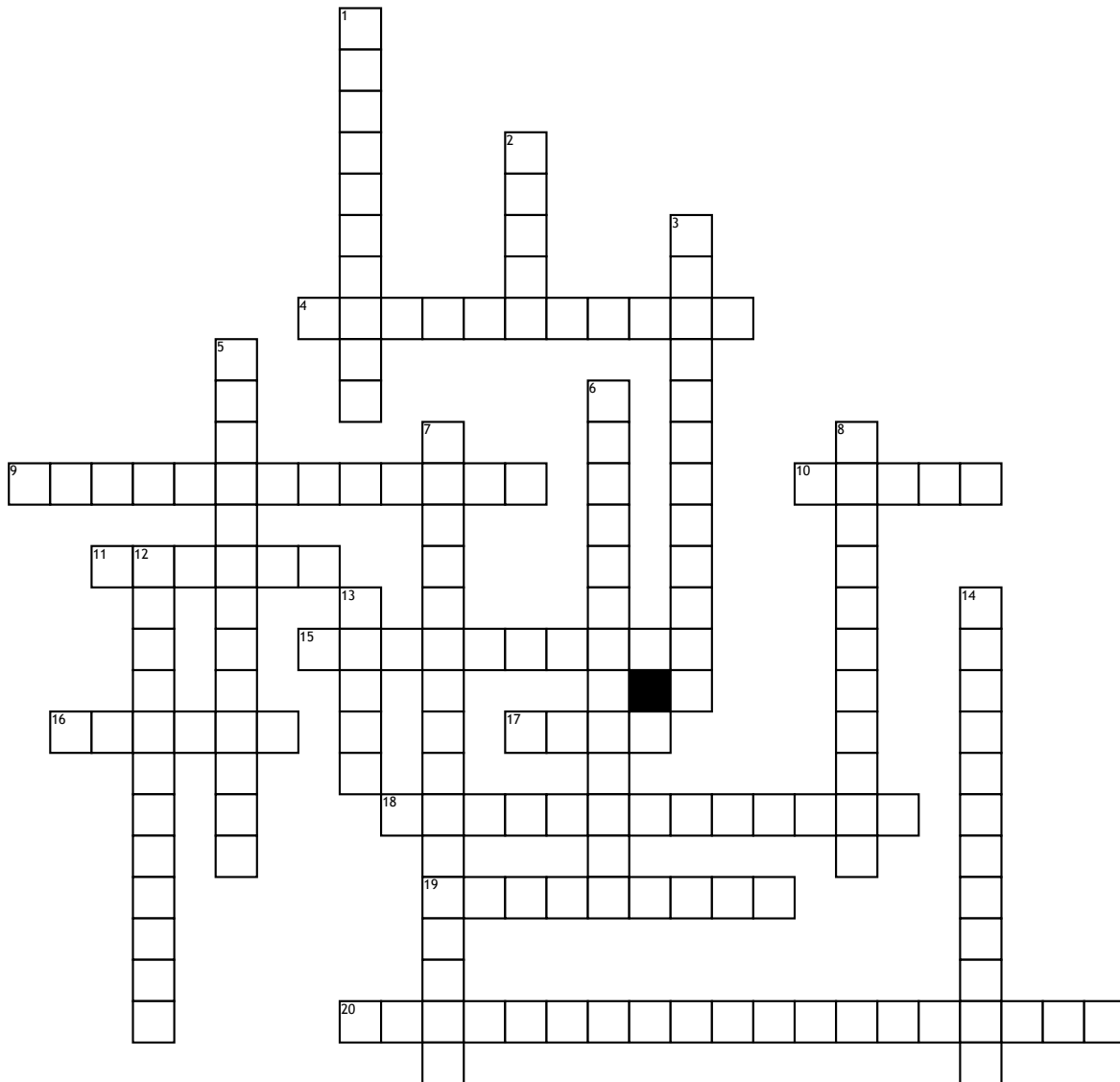


science project



Across

- 4. the upper part of the crust
- 9. a rigid slab of the lithosphere that moves on top of the asthenosphere
- 10. the thin outer layer of the earth
- 11. the middle layer of the earth
- 15. vibrations in the ground
- 16. a super continent about 200 million yrs ago
- 17. central part of the earth
- 18. slower than a primary wave

19. the location on the earth's surface directly above earth's focus

20. the theory that the earth's surface is broken into large rigid plates

Down

- 1. when a more dense plate moves over a more dense plate
- 2. the position in side the earth where rocks first cause waves
- 3. slowest traveling waves

5. a field that extends through the earth's interior made of nickel and iron

6. mountain ranges on the ocean bottom

7. magnetic field that reverses its direction

8. fastest and first to arrive an earthquake

12. the upper part of the mantle

13. a break in the earth's lithosphere

14. wave energy created by a fault line.